

Estimation of the influence of different factors on the change of the energy intensity of Russian economy under the sanction pressure

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Abstract

© Medwell Journals, 2018. The influence of various factors on the energy intensity of the gross domestic product in the context of the ongoing Western countries sanction pressure has been studied. It has allowed to identify the factors that have a decisive impact on the energy intensity value. The research made it possible to reveal that the change in the energy efficiency of the economy is mostly under the influence of the activation of innovative activity of Russian corporations as the result of the increased funding of their R & D activity and the growth of the final consumption of electric energy by households inside the country. On the basis of the economic and mathematic modeling of the influence of different factors on the change in the energy intensity of Russian economy, the estimation of possible consequences of the continuing Western countries sanction pressure on the dynamics of the energy efficiency of Russian economy.

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Keywords

Economic and mathematical modeling, Energy intensity, Estimation, Growth, Sanctions, Scenario approach

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